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CATALOGUE

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APR 12 1899

OF

U. S. Department of Agriculture.

Agricultural and Horticultural

IMPLEMENTS,

FIELD AND GARDEN SEEDS,

AND

FERTILIZERS,

FOR SALE BY

G. H. BARR & Co.,

NORTH RIVER AGRICULTURAL WAREHOUSE,

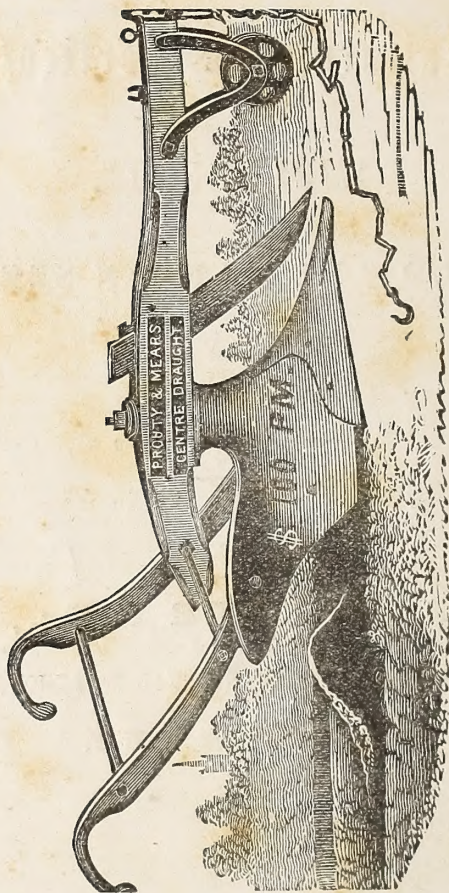
No. 53 Cortlandt St., N. Y.

NEW YORK:

BAKER, GODWIN & CO., PRINTERS,

CORNER NASSAU AND SPRUCE STREETS.

1853.



Advertisement.

MESSRS. G. H. BARR & Co. beg leave to offer to their friends and the public, the following Catalogue of Agricultural and Horticultural articles which they have for sale, and which they offer to such as may favor them with their patronage, at as low rates, quality considered, as they can be obtained for at any other establishment in this city.

The descriptive catalogue of Agricultural Implements does not, of course, include all which we have for sale; but whilst we do not pretend to say that we will keep every thing which may be brought to the notice of the agricultural public, yet we would announce our intention of keeping for sale a full assortment of articles of established merit, or which, if novelties, may appear to be deserving of the public patronage; and we trust that we will not be considered egotistic in saying that our past experience in the business will, we think, enable us to select such, and such only, as we can recommend with the utmost confidence to our customers.

It is usual, in Agricultural catalogues, to give descriptions, etc., of Steam Engines, Bark and Sugar Mills, and machinery of that description; but not considering these matters as coming strictly in the line of our business, we have refrained from inserting them in this catalogue; but we offer our services to planters and farmers in procuring for them all such articles, or any others that can by any possibility be needed upon either a plantation or a farm. We will give every attention to such commands; and if the articles have to be made to order, will personally superintend their construction, and in all cases attend to their shipment, etc., only charging therefor the usual per centage, as allowed by mercantile usage.

One prominent branch of our business will be the dealing in artificial Manures and Fertilizers, of which we will keep a large assortment; and our customers may depend upon having them exactly as represented.

Much care is necessary in purchasing these articles, as it is easy to deceive a purchaser who may be wanting in a knowledge of chemistry or chemical manipulations. Many articles are thrown upon the market by persons who, without any positive intention to deceive, yet from their want of knowledge or skill in making the necessary chemical combinations required in their manufacture, produce articles which are almost effete, or but of little value to the purchaser. In all cases where we are likely to be deceived, the articles are submitted to a chemical analysis, by an eminent chemist, so that we may be enabled to guard the purchaser from deception.

It will be observed that the Horticultural department of our business occupies a more prominent position than is generally allotted to it by parties usually engaged therein.

There is a general prejudice against buying Garden Seeds at Agricul-

tural Warehouses; but as it is our intention to make our establishment as complete as possible, we have engaged in it determined if possible to do away with such prejudice, by keeping such articles as we can with confidence recommend; for every attention has been paid in selecting such sorts as are of established reputation, and no pains have been spared in procuring such stock as we are confident will be found to be of the highest quality. We respectfully solicit a trial of our seeds, feeling assured that they will give the fullest satisfaction.

In addition to the standard and approved varieties, every novelty worthy of note will be added from time to time. A large number appear in this present catalogue, indicated by a different type. They are all of high reputation in the respective localities from whence they were obtained, and of such merit as to render them well worthy of a trial here. We shall be happy to give packets of them gratuitously to such gardeners, especially market gardeners, as will give them a fair trial.

Of Flower Seeds it will be seen, upon reference to the catalogue, that we have a very extensive assortment, embracing more choice articles and novelties, than perhaps can be found at any other establishment. Our large assortment of Greenhouse Flower Seeds, is particularly a novelty in this country, and we trust that we will meet with a large share of the public patronage in disposing of them. The attention of amateurs is particularly called to our selection of Asters, Balsams, Hollyhocks, Larkspurs, Stocks, etc., especially those in the original sealed packages.

We are also agents for the sale of Professor J. J. MAPES's assortments of Garden Seeds, raised with the greatest possible care, by himself. They are sold in the original packages as put up by him, and at his prices. In many parts of the country they have obtained a very high reputation, and they are recommended as well worthy of trial.

In conclusion, we would beg leave to assure those who may favor us with their patronage, that no effort shall be wanting on our part to please our customers and to give general satisfaction.

Agricultural and Horticultural Implements.

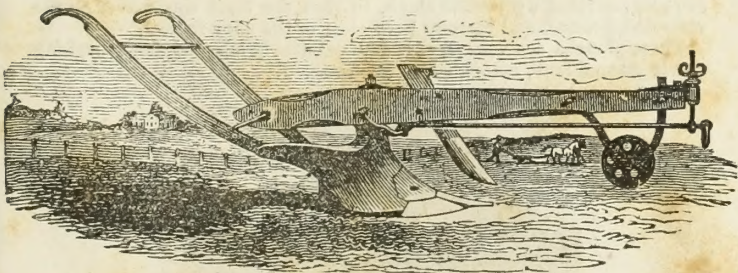
PLOUGHS.

PROUTY AND MEARS' CELEBRATED CENTER DRAUGHT PLOUGHS.—These Ploughs are recommended with the greatest confidence to the favorable notice of the public, as combining more of the essential qualities of a good plough, than any other which has yet been brought out. By having adapted to them, the admirable principle of Center Draught, whereby the line of draught is through the center of the plough, it receives the resistance of the furrow slice equally on both sides, causing it to land properly and keep its true position with a straight, regular and steady motion.

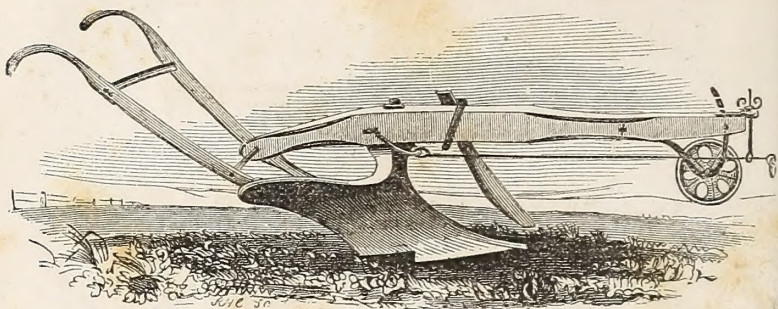
These qualities enable it to be managed with such ease, that one man and a yoke of oxen are quite equal to the task of breaking up new land of any ordinary soil.

The materials and workmanship of these ploughs are of the very best quality; the wings, landsides and points, being chill-hardened; the points are also on the self-sharpening principle.

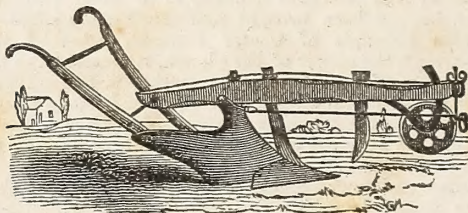
These ploughs have received a greater number of valuable premiums than any other yet offered in this country, and are of deservedly high reputation.



SELF-SHARPENING PLOUGH.—These ploughs have a reversing, self-sharpening, double point and share; turn a furrow about twelve inches deep by sixteen inches wide; are not liable to choke; and are equal the culture of the strongest soil, at an expense for repairs scarcely to amounting to one cent per acre.

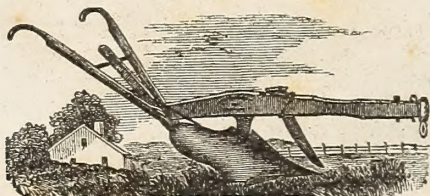


SWARD PLOUGH—for breaking up grass lands. These ploughs have a peculiar structure of the mould-board, or ground wrest, whereby the cohesion of the furrow slice is completely destroyed, and turned over or inverted in a light and friable condition.

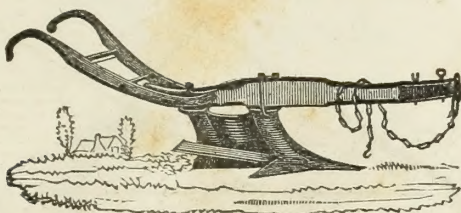


IMPROVED LOCK-COULTER MEADOW PLOUGH—for swampy or rough land. These are very heavy, strong ploughs, with steel-edged shares or points, a wrought iron lock coulter, and a reverse or drag cutter for the purpose of cutting the surface of wet meadows; they are also provided with crane clevis, so that the team can travel on the unbroken ground, and thereby keep clear of the miry furrow.

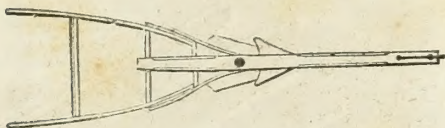
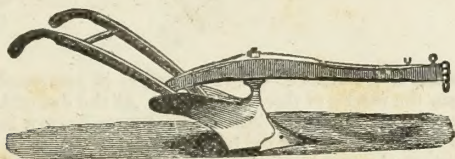
These ploughs are very strong, and admirably adapted for ploughing newly cleared land, among roots, &c., &c.



IMPROVED SIDE-HILL PLOUGH.—These ploughs are so constructed that the mould-board can be readily shifted from one side of the beam to the other, so that the ploughman can work horizontally on side hills, turning all the furrows one way; they also have many advantages for level ploughing, and are becoming much used for that purpose also.



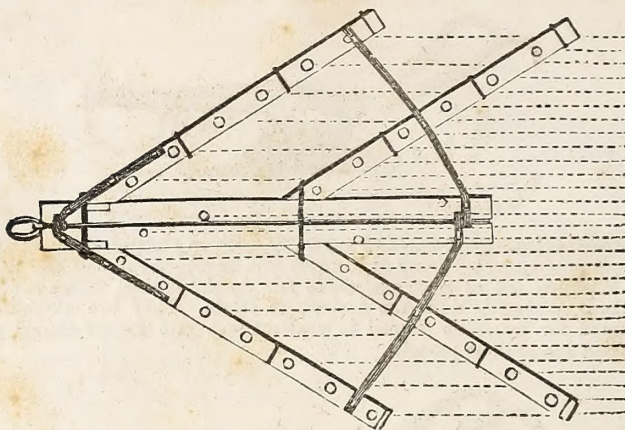
PREMIUM SUB-SOIL PLOUGH.—These ploughs are light and simple in construction, easy of draught and management, and are used for following the common plough, to stir up the sub-soil, which it does without mixing it with the incumbent strata. They are admirably adapted for loosening ground in road-making. No farmer should be without one of these ploughs.



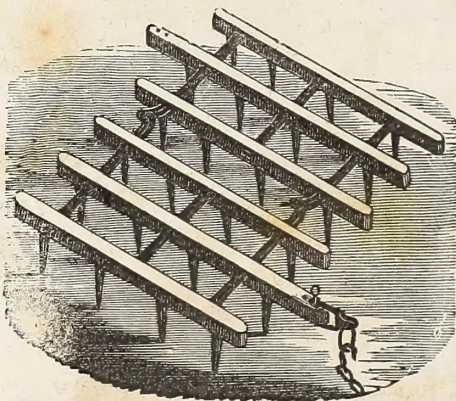
DOUBLE MOULD BOARD OR RIDGING PLOUGH.—These ploughs are used for ridging out land, ploughing among corn, potatoes, &c., as they throw the earth both ways. They are a very useful and desirable implement, being eminently labor-saving.



SMITH'S PATENT MICHIGAN PLOUGH.—This consists of two ploughs, one small and one large, attached to the same beam. The smaller, a forward one, turns a furrow from four to six inches deep; throwing all the surface grass, or vegetable matter, into the bottom of the adjoining deep furrow. This plough differs from the sub-soil plough in this, that it turns the top soil and brings the sub-soil to the surface. It is of very light draught, compared with the work which it accomplishes, and is an implement of very great merit; it has already received a number of valuable premiums.

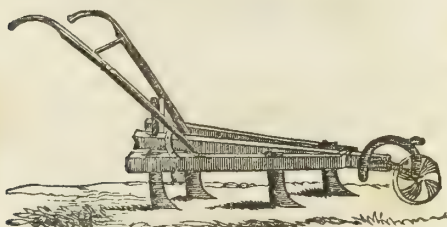
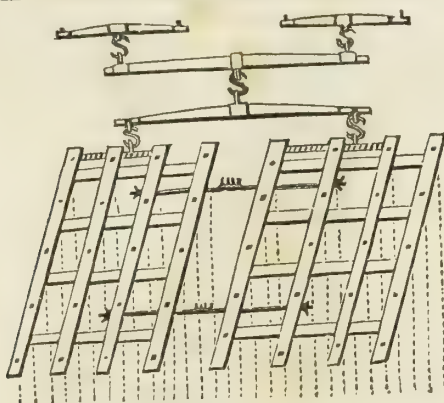


THE GEDDES HARROW.—The cut, it is presumed, will sufficiently explain the merits of this implement. As the draught is from the center, the uneasy struggling motion of the square harrow is got rid of, and it is consequently easier for the team; it is provided with hinges, and can be readily lifted when in motion.



THE SQUARE HARROW.—The cut represents a very good form of square harrow, with folding joints, suitable for rough, heavy work.

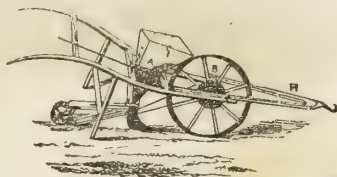
THE SCOTCH HARROW is, as can be seen from the cut, an improvement upon the common square form, the dotted lines are the lines of pulverization which it makes, and are so arranged as to be at equal distances apart.



CULTIVATORS.—Of this class of implements there are several kinds; some being adapted for hand use and some for animal draught.

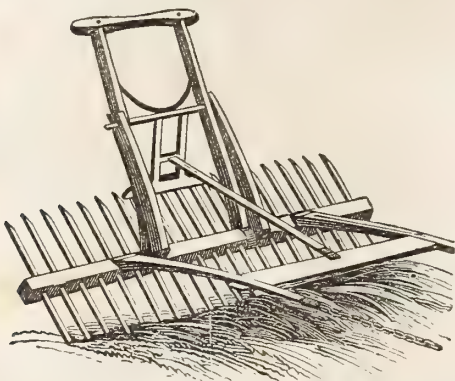
The hand cultivator expands from ten to eighteen inches, and is generally used for stirring the soil between rows of vegetables, as beets, carrots, &c.,; it is a very useful and desirable implement.

The larger cultivators for field culture expand from two to five feet; they are made both with wood and iron frames, with shares of different patterns, according to the work to be done, or the fancy of the purchaser.

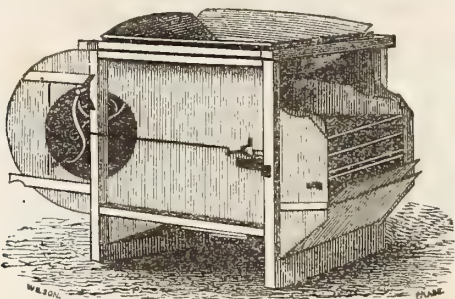


SEED SOWERS AND CORN PLANTERS.—These machines are used for drill-sowing corn, beans, peas, turnips, mangel wurtzel, beets, carrots, &c., &c. They can be had of many various kinds, both for hand use and draught. Wherever they have been used, they have given great satisfaction; and they soon save their cost in the diminished quantity of

seed required per acre, when compared with that required when seed is sown broadcast; in many cases the saving will amount to one-half, and the work is infinitely better done, as the machine opens the drill, deposits the seed, covers it and rolls it down, at the one operation.

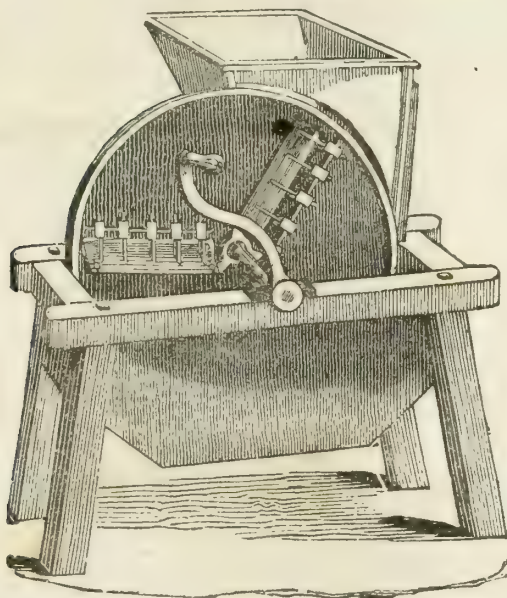
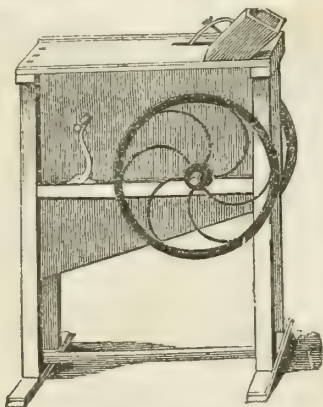


HORSE RAKE.—These implements are almost indispensable to the farmer, particularly in localities where laborers are not readily procurable. With one of them a single horse and driver can rake into winnows from two to three acres of hay in the course of one hour, an advantage strikingly appreciable when securing a crop of hay from an approaching storm.



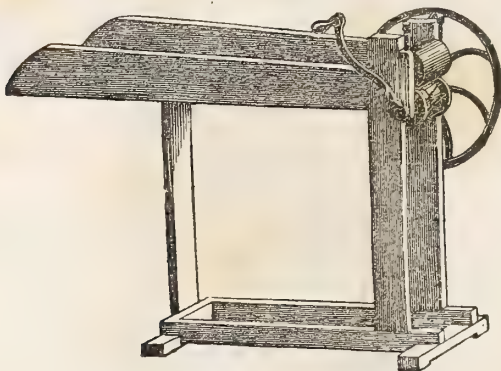
FANNING MILL.—Of these there are several different kinds; the best will clean at the rate of a bushel of wheat per minute, taking out all the chaff, cockle, chess, or other extraneous matter at one operation, and yet working so easily, as to only require the strength of a stout lad in turning them.

CORN SHELLERS.—Of these implements there are also many kinds; some will shell from one hundred and fifty to two hundred bushels of ears per day, with the labor of two men; and some are arranged to do twice that amount of work with the labor of three men.

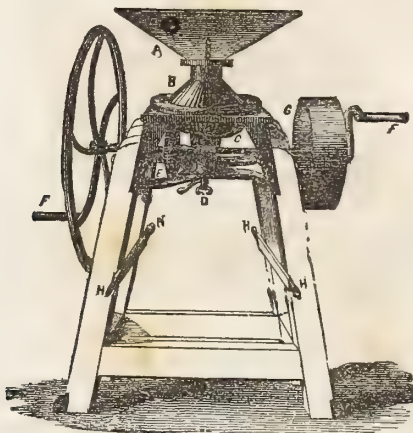


VEGETABLE CUTTERS.—These instruments are so improved as to cut the roots into small square pieces, and not into slices as heretofore, thus doing away with the danger of the animal choking, and also enabling it to take up its food readily and without inconvenience.

These machines can be had, capable of cutting fifty bushels of turnips, carrots, etc., per hour.



STRAW CUTTERS.—Of these there are a great variety; some adapted for cutting hay and straw, and others for corn stalks; and some combining the necessary requisites for doing both. They are adapted for hand use or horse power, as may be required. The latter are very powerful machines, and will readily cut a ton of hay in an hour and a half.



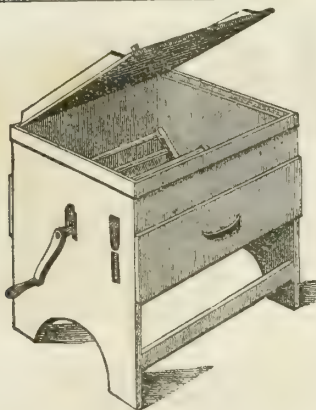
HAND AND POWER GRAIN MILLS—Adapted for grinding grain, coffee, or spices, as may be desired. They grind from one to two bushels per hour, but can be so constructed as to run by other power, giving, of course, a proportionably increased amount of flour or meal per hour.



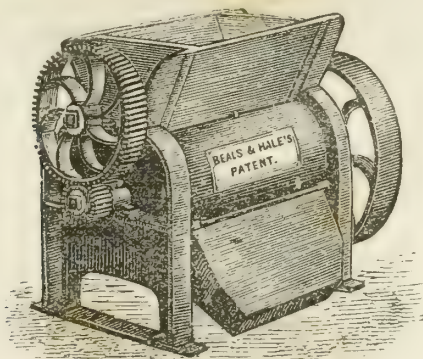
REAPING MACHINES.—These machines, of such incalculable benefit to the farmer, can be had of the most approved construction, capable, with the labor of four horses, a driver, tender, and eight binders, of reaping twenty acres per day, cutting in one minute four hundred square yards of grain, clover, or grass. Any farmer will save the cost of one of these machines in one or two seasons.



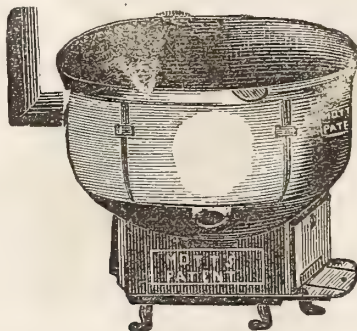
HORSE POWERS.—These machines can be had in all the different styles made. The Endless Chain Horse Powers, which are most in vogue at the present time, have attached to them grain threshers and separators, and with one horse, aided by two men and a boy, will thresh from seventy-five to one hundred bushels of wheat per day; and, of oats, nearly double the quantity. These powers can also be applied to any other machines, such as Straw-cutters, Fanning-mills, Corn-shellers, Grain-mills, etc., ordinarily used on a farm.



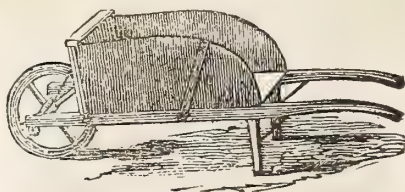
THERMOMETER CHURNS.—These are recommended as the simplest and best Churn in use; and having a thermometer attached to them, no difficulty is experienced in keeping the cream at the exact temperature necessary to produce the finest butter with the least expenditure of labor and time.



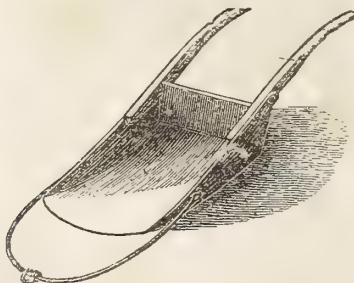
CORN CRACKER.—This valuable machine is used for cracking corn and cobs, previous to grinding them for provender, or for cracking the corn alone, as for hominy, or stable use. It grinds the corn and cobs to the *same degree* of fineness, even when the corn is damp or green, without clogging, which no other mill will do. It combines the essential requisites of compactness, durability, uniformity of work, and economy of power.



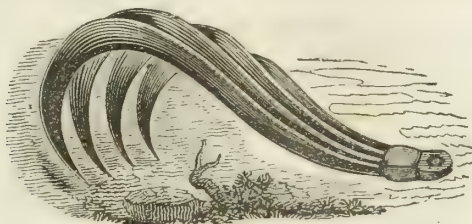
MOTT'S AGRICULTURAL FURNACE.—This is the most approved form of Agricultural Furnace, or Boiler, now before the public. They boil the water very quickly, and entirely dispense with the expense of masonry and brickwork. They can be had of all sizes, from 10 to 120 gallons.



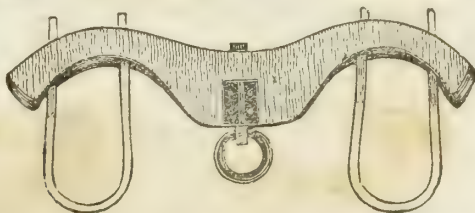
WHEELBARROWS—of different kinds, either for garden, canal, or railroad work, of the very best workmanship.



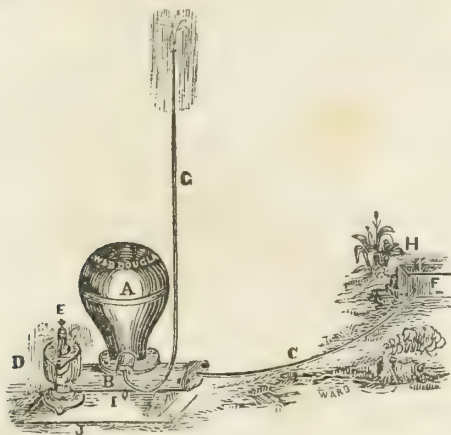
ROAD SCRAPER.—The best of these are now made with cast iron bottoms, sides, and edges. They are very useful in road-making, leveling, ditch-making, etc., and would be found to be a useful and convenient article on every farm.



ROOT AND BUSH PULLER.—This is a very effective implement, and is used for tearing out stools, or clumps of small bushes, in wet or boggy land.

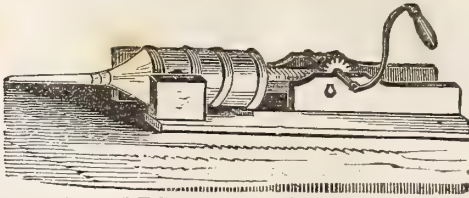


OX BOWS.—A good yoke is absolutely necessary to secure a large amount of labor, as it conduces greatly to the ease of the cattle. Those which are not properly constructed, or which are poorly made, very often seriously injure or worry the animals, and thereby diminish the amount of their labor.



WATER RAM.—These are very useful machines for raising water wherever a fall of four or five feet can be obtained. In such cases they will raise, according to their size, from 5 to 50 gallons per minute, to a perpendicular height of 100 feet or more. These machines combine sim-

plicity of construction with great effective power, and are but very little liable to get out of order.



SAUSAGE CUTTERS AND STUFFERS.—By the aid of these machines several hundred pounds of meat per day can be prepared, and the skins stuffed as fast as six or eight persons could do it in any other way.

Agricultural Implements,

NOT ENUMERATED OR DESCRIBED IN THE PRECEDING PAGES.

- | | |
|--|---------------------------------|
| Augers, Post-hole. | Hatchets. |
| Axes, from the most celebrated makers. | Hay Presses. |
| Apple Parers. | Hoes, Common Field. |
| Bill or Brier Hooks. | “ Turnip. |
| Bull Rings. | “ Bog. |
| Bush or Bramble Hooks. | “ Mattock. |
| Carts, Mule and Ox. | Hooks, Corn. |
| Cattle Cards. | “ Grass. |
| “ Brushes. | “ Manure. |
| “ Ties. | “ Potato. |
| Chains, Ox. | Knives, Hay. |
| “ Trace. | “ Pruning. |
| “ Halter. | Lactometers or Cream Guages. |
| Cheese Presses. | Ladders, Folding. |
| “ Hoops. | Lead Pipe. |
| Churns, various patterns. | Measures for Grain. |
| Corn Planters. | Mills Bark. |
| Cradles, Grain with Scythes. | “ Burr-stone for Grain, from 12 |
| Crowbars. | to 30 inches, |
| Draining Tiles. | Ox Balls. |
| Flails. | “ Bows. |
| Fleams. | “ “ Keys. |
| Forks, Hay. | “ Muzzles. |
| “ Manure. | “ Yokes. |
| “ Weeding. | “ “ Ironed. |
| Grindstones. | Pickaxes. |
| “ Mounted with treadles | Plows, many kinds, from various |
| and friction rollers. | makers. |
| “ Mountings. | PostSpoons. |
| Hammers, Nail. | Pumps, Cistern or Well. |
| “ Stone, | “ Endless Chain. |
| | “ Force, |

Rakes, Common.	Shears, Hedge.
“ Field or Hay.	“ Branch or Lopping.
“ Revolving Horse Hay.	“ Pole-Pruning.
Riddles and Sieves.	Shovels, black and bright, cast steel.
Rollers, Field.	Smut Machines.
Saw-Mills.	Spades, Digging, black and bright
“ for Cutting Fuel.	cast steel.
Scale Beams.	“ Scoop.
Scales, Counter.	“ Ditching.
“ Hay.	Sugar Crushers.
“ Platform.	Trucks, Hand.
Scythe Rifles.	Vanes.
“ Sneathes.	Wagons, Farm and Plantation.
Scythes for Grass or Grain.	Washing Machines.
“ Cradle.	Well-Wheels.
“ Bush.	Whipple Trees.
Sickles.	Wrenches, Screw.

Horticultural Implements.

PRICES VARYING ACCORDING TO QUALITY.

Asparagus Knives,	Garden Hoes.
Averuncators, for pruning trees.	“ Forks,
Box Shears.	“ Wheelbarrows..
Border Shears, with wheel.	Tool Chests.
Budding Knives, various patterns.	Hedge Shears.
Bill Hooks, Yorkshire Socket.	Lawn Scythes.
“ “ Edinburgh Hand.	“ Rakes.
Caterpillar Bushes.	Mole Traps.
Cultivators, Hand.	Manure Forks.
Dutch or Scuffling Hoes.	Microscopes.
Fruit Gatherers.	Pruning Knives, extra quality.
Flower Gatherers, to retain the	“ Scissors, with and without
flower when cut.	slide movement.
Fumigators.	“ Saws, with and without
Grass Hooks.	slide movement.
“ Shears.	“ Chisels.
Grape Scissors.	“ Hatchets.
Greenhouse Syringes.	“ Shears, for Hand.
Grafting Chisels.	“ “ long handled.
Garden Sieves.	Potatoe Forks.
“ Engines.	Shovels, black and bright Cast Steel.
“ Rollers.	Spades, “ “ “ “
“ Rakes.	Tree Scrapers.
“ Trowels.	Thermometers.
“ Reels.	Verge Cutters.
“ Lines,	Watering Pots.

Miscellaneous Articles.

Books, Agricultural.	Crocus Pots.
“ Horticultural.	Hyacinth Glasses.
Cuba Bass.	Whale Oil Soap.
Russian Bass Mats.	Tobacco, for fumigating.
Grafting Wax.	Cast Iron Garden Chairs.
Flower Pots, plain and ornamental.	“ “ Fountains.

Fertilizers.

NITRATE OF SODA OR CUBICAL NITRE. We have made arrangements for a supply of this article at the lowest market rates. For weak soils, deficient of soda, and of the constituents of nitric acid, this is an admirable manure. It acts specifically upon the foliage, and is, consequently, well adapted for grass lands. It may be used as a top dressing or in compost; it is generally applied at the rate of from 100 to 200 pounds per acre.

SALTPETRE. This article may be used with profit, to give vigor to organic manures which have lost their force, or to peat-compost requiring energy. It is composed of those ultimates which give the chief value to barnyard manure beyond its ammonia. When mixed with headlands, ditch scrapings, &c., and supplied with a small amount of phosphate of lime in its soluble form, it adds greatly to the vigor of the mass. The quantity usually used is 150 pounds to the acre.

POTASH SCRAPINGS. In localities requiring potash, and where unleached ashes cannot be readily procured, this article, from its condensed shape and consequent easy transportation, is a desirable amendment. It may be added in very dilute shape to the soil, or by being used in compost, will assist in its decomposition, afterwards affording to plants that very necessary ingredient in their elements, potash.

SULPHURIC ACID, used for dissolving bones for making superphosphate of lime. This will be supplied at the manufacturers' prices, with some of the largest of whom we have made arrangements for the supply of an article especially adapted for agricultural purposes, but far more concentrated than that generally sold therefor.

PLASTER OF PARIS. This is a powerful agent in seizing and retaining the volatile ammonia in stable manure, guano, and compost heaps, and can scarcely be too freely employed in such cases. It is frequently sown broadcast upon grass or grain early in the spring, at the rate of two or three bushels per acre, but is far more efficient in the compost heap.

CHARCOAL DUST. This is also an admirable and almost indispensable ingredient in the compost heap, absorbing ammonia, water, and gases

from the atmosphere. It is sometimes applied alone, like ashes, at the rate of from twenty to two hundred bushels per acre.

BONE DUST, in all its various forms, as sawings, turnings, crushed bones, &c., &c. It is an admirable manure for grain, wheat, and root crops, and is generally applied in its crude state, at the rate of from ten to thirty bushels per acre; but it is far preferable to use it in compost, by dissolving it in sulphuric acid and mixing it with earth, charcoal dust, and other ammonia saving agents.

POUDRETTE, manufactured by the Lodi Manufacturing Company, put up in barrels dry and free from smell. This is an excellent stimulating manure, well adapted for starting corn and other articles, but it is not lasting in its effects, requiring to be applied at least once again to the growing crop. From two to five barrels are generally applied to the acre, or about one gill to a hill of corn and two gills to a hill of potatoes. It is also frequently used for soaking grain previous to sowing, in the proportion of about a quart of poudrette to a gallon of water. It requires to be used with great judgment.

GUANO. This very popular and highly efficient manure will be furnished at the regular market rates, and warranted as pure as imported. It ought always to be used in the form of compost, first breaking up all the lumps and passing it through a sieve, adding to it, and well mixing with it, from five to ten times its bulk of good loamy soil, also well pulverized; and then, after it has lain a few days, turning it over, care being taken that the mass is well incorporated together. On the score of economy and efficiency both, it is advisable to add from 30 to 50 pounds of plaster to the ton, and a liberal amount of charcoal dust, as they absorb the ammonia and change its form, whereby it loses its volatility. Lime and ashes should never be added, as they expel the ammonia.

The quantity used per acre varies with the crop, the soil, and its condition; from two hundred to four hundred pounds per acre are commonly applied, but it is advisable to use it often and more sparingly. In the liquid form it is generally used at the rate of one pound of guano to ten or twenty gallons of water—the latter is generally the best proportion—it is then frequently used as a steep for seeds.

SALT. In sections of the country remote from the sea-shore or the influence of the landward winds, this is a very useful fertilizer, applied at the rate of from five to twenty bushels to the acre. It can be sown broadcast, but, like all other artificial manures, is far more efficient and economical applied through the medium of the compost heap. Mixed with lime or plaster, or both together, it forms a variety of new combinations, which generally have a strong attraction for moisture, among which are soda, sulphuric acid, and their compounds.

LIME acts as an admirable agent in the decomposition of vegetable matter and other crude materials in the soil, bringing them into a proper shape to assimilate with the juices of the plants. It is generally applied in quantities varying from twenty to two hundred bushels per acre, but it is far preferable to apply it in small quantities and more frequently: it must be borne in mind that land can be so impoverished by the continued application and operation of lime as to become almost worthless, as it acts far more as a solvent of what is already in the soil than as a direct manure.

NATIVE PHOSPHATE OF LIME. This article is found in its natural state in New Jersey and in the northern part of the State of New York. It sometimes contains as much as 40 per cent. of phosphoric acid, in which its chief value consists. It requires to be dissolved in sulphuric acid before it can be profitably used. Many samples thrown upon the market contain large quantities of iron, with which the sulphuric acid combines more readily than with the other elements, thereby producing sulphate of iron or copperas, than which scarcely anything can be more detrimental to the soil; great care is therefore necessary in purchasing it, in order to be sure of its containing nothing that is injurious.

TRUE SUPER-PHOSPHATE OF LIME. This is a true super-phosphate of lime, made by dissolving bones or their equivalent in sulphuric acid, and then combined with such a quantity of the super-phosphate of lime as will supply the necessary amount of ammonia to render it energetic. It is inferior in power to the Improved Super-Phosphate, but is very superior to the super-phosphate as made in England and elsewhere.

MAPES'S IMPROVED SUPER-PHOSPHATE OF LIME.

We are now prepared to furnish this admirable manure in any quantity, and can guarantee its purity, as it is made under the immediate supervision of Professor Mapes. It is much superior to the super-phosphate, as, in addition to the sulphuric acid and phosphoric acid used or evolved in the manufacture of the super-phosphate, it contains as large a quantity of Peruvian Guano and sulphate of ammonia as are necessary to furnish the other constituents of the plants. It is admirably adapted for drilling in with seeds, as, unlike guano, it has no pernicious effects upon them, not destroying or impairing their vitality; it also appears to be particularly suitable for root crops, as the yield of vegetables where it has been applied has been enormous. Its superiority in these respects to guano renders it of great service to the horticulturist.

It is generally applied at the rate of from one hundred to five hundred pounds per acre; this latter quantity has been found, by frequent experiment, to be equal to fifteen cords of stable manure.

Various Useful Tables

FOR THE

FARMER AND GARDENER.

APPROXIMATE DISTANCES

Of rows from each other, to have the trees or plants at regular distances from each other in quincunx, the foot being divided into tenths instead of twelfths or inches.

<i>Distance of Plants apart.</i>	<i>Distance of Rows apart. ft. ten.</i>	<i>Distance of Plants apart.</i>	<i>Distance of Rows apart. ft. ten.</i>
1 foot.	0,8 $\frac{2}{3}$	34 feet.	29,4 $\frac{1}{2}$
2 feet.	1,7 $\frac{1}{3}$	35 "	30,3
3 "	2,6	36 "	31,1 $\frac{3}{4}$
4 "	3,4 $\frac{2}{3}$	37 "	32,0 $\frac{1}{2}$
5 "	4,3 $\frac{1}{3}$	38 "	32,9
6 "	5,2	39 "	33,7 $\frac{3}{4}$
7 "	6,0 $\frac{2}{3}$	40 "	34,6 $\frac{1}{2}$
8 "	6,9 $\frac{1}{3}$	41 "	35,5
9 "	7,8	42 "	36,3 $\frac{3}{4}$
10 "	8,6 $\frac{2}{3}$	43 "	37,2 $\frac{1}{2}$
11 "	9,5 $\frac{1}{3}$	44 "	38,1
12 "	10,4	55 "	38,9 $\frac{3}{4}$
13 "	11,2 $\frac{1}{2}$	46 "	39,8 $\frac{1}{3}$
14 "	12,1 $\frac{1}{4}$	47 "	40,7
15 "	12,10	48 "	41,5 $\frac{1}{2}$
16 "	13,8 $\frac{1}{2}$	49 "	42,4 $\frac{1}{3}$
16 $\frac{1}{4}$ "	14,3	49 $\frac{1}{2}$ "	42,8 $\frac{1}{2}$
17 "	14,7 $\frac{1}{4}$	50 "	43,3
18 "	15,5 $\frac{3}{4}$	51 "	44,1 $\frac{2}{3}$
19 "	16,5 $\frac{1}{2}$	52 "	45,0 $\frac{1}{3}$
20 "	17,3 $\frac{1}{4}$	53 "	45,9
21 "	18,1 $\frac{3}{4}$	54 "	46,7 $\frac{2}{3}$
22 "	19,0 $\frac{1}{2}$	55 "	47,6 $\frac{1}{3}$
23 "	19,9 $\frac{1}{4}$	56 "	48,5
24 "	20,7 $\frac{3}{4}$	57 "	49,3 $\frac{2}{3}$
25 "	21,6 $\frac{1}{2}$	58 "	50,2 $\frac{1}{4}$
26 "	22,5 $\frac{1}{4}$	59 "	51,1
27 "	23,3 $\frac{3}{4}$	60 "	51,9 $\frac{2}{3}$
28 "	24,2 $\frac{1}{2}$	61 "	52,8 $\frac{1}{4}$
29 "	25,1 $\frac{1}{4}$	62 "	53,8
30 "	25,9 $\frac{3}{4}$	63 "	54,6 $\frac{2}{3}$
31 "	26,8 $\frac{1}{4}$	64 "	55,5 $\frac{1}{4}$
32 "	27,7 $\frac{1}{4}$	65 "	56,4
33 "	28,5 $\frac{3}{4}$	66 "	57,1 $\frac{1}{2}$

VARIOUS USEFUL TABLES.

Number of Plants or Trees that can be planted on an acre of ground, at the following distances apart, in feet.

<i>Distance apart.</i>	<i>No. of Plants.</i>	<i>Distance apart.</i>	<i>No. of Plants.</i>
1 by 1	43,560	7 by 7	888
1½ " 1½	19,360	8 " 8	680
2 " 1	21,780	9 " 9	537
2 " 2	10,890	10 " 10	435
2½ " 2½	6,969	11 " 11	360
3 " 1	14,520	12 " 12	302
3 " 2	7,260	13 " 13	257
3 " 3	4,840	14 " 14	222
3½ " 3½	3,555	15 " 15	193
4 " 1	10,890	16 " 16	170
4 " 2	5,445	17 " 17	150
4 " 3	3,630	18 " 18	134
4 " 4	2,722	19 " 19	120
4½ " 4½	2,151	20 " 20	108
5 " 1	8,712	24 " 24	75
5 " 2	4,356	25 " 25	69
5 " 3	2,904	27 " 27	59
5 " 4	2,178	30 " 30	48
5 " 5	1,742	40 " 40	27
5½ " 5½	1,417	50 " 50	17
6 " 6	1,210	60 " 60	12
6½ " 6½	1,031	66 " 66	10

Weights of sundry Agricultural Products, and other articles of use to the Farmer.

Wheat,	60 lbs. per bushel.	Dried Apples,	25 lbs. per bushel.
Shelled Corn,	58 " "	" Peaches,	33 " "
Rye,	58 " "	Castor Beans,	46 " "
Oats,	32 " "	Onions,	57 " "
Barley,	47 " "	Middling,	45 " "
Clover,	60 " "	Bran,	12 " "
Timothy,	45 " "	Shorts,	18 " "
Flax seed,	56 " "	Coarse Salt,	85 " "
Hemp,	44 " "	Ground " ,	70 " "
Blue grass,	14 " "	Fine " ,	62 " "
Buckwheat,	48 " "	Coal,	80 " "
Peas,	64 " "	Rape,	48 " "
Beans,	63 " "		

Kitchen Garden Seeds.

ARTICHOKE.

50 cts. per oz.

Green Globe.

ASPARAGUS.

12½ cts. per oz.

Grayson's Giant. *Imported.*

BASELLA.

50 cts. per oz.

Large leaved, *new.*

BEANS.

ENGLISH DWARF.

18¾ cts. per quart.

Early Mazagan.

Sword Long Pod.

Green Windsor.

FRENCH DWARFS.

18¾ cts. per quart.

Early Yellow Six Weeks.

" China.

" Mohawk.

" Valentine.

Refugee.

Large White Kidney.

POLE OR RUNNING.

37½ to 50 cts. per quart.

Large White Lima.

London Horticultural.

White Dutch Runners.

Scarlet " "

BEETS.

12½ cts. per oz.

Early Bassano Turnip.

" Blood "

" Yellow "

Long Blood.

" Smooth Blood.

Walte's Dwarf Black, *new.*

Swiss Chard.

BRUSSELS SPROUTS.

18¾ cts. per oz.

Imported Belgian.

BROCOLI.

37½ to 50 cts. per oz.

Early Purple Cape.

" White "

" Large headed, *new.*

" Granges Cauliflower.

" Walcheren, *very fine.*

CABBAGE.

12½ to 50 cts. per oz.

Early York.

" " Landreth's Extra.

" Battersea.

" Sugar Loaf.

" Vanack.

" London, *large and fine.*

" Morning Star, *very early.*

" Winningstadt, *new and fine.*

" St. John's Drumhead, *very early.*

" Femelle, *new.*

" White Erfurt, *extra early.*

Large York.

" " Landreth's extra.

Large Oxheart.

" Bergen.

" Flat Dutch.

" " " Comstock's extra.

" Late Drumhead.

Drumhead Savoy.

Green Globe "

Green Glazed.

Red Dutch.

Kohl Rabi.

Early White Vienna, Kohl Rabi.

" Violet " "

Couve Tronchuda, *true sort.*

Pe Tsai, *new Cabbage from China.*

Pack Choi, " " "

CARDOON.

50 cts. per oz.

Large Solid or Spanish.

CARROT.

12½ cts. per oz.

Early Horn.

Long Orange.

Altringham.

New Intermediate, *very early, fine flavored, and particularly suitable for shallow soils.*

CAULIFLOWER.

37½ to 50 cts. per oz.

Early London.

" Walcheren.

Large Asiatic.

CELERY.

12½ to 25 cts. per oz.

White Solid.

Red "

Dwarf " *new, blanches without earthing up.*

Manchester White.

" Red.

Cole's Superb Red.

Silver Giant.

Seymour White.

" Red.

Lion's Paw.

Celeriac or Turnip Rooted.

CHERVIL.

12½ cts. per oz.

Curled or Frizzled.

CORN SALAD.

12½ cts. per oz.

CRESS.

12½ cts. per oz.

Curled or Pepper Grass.

Broad Leaved.

New Garnishing, *very fine.*

True Water Cress, 50 cts. per oz.

CUCUMBER.

12½ to 37½ cts. per oz.

Early Russian, *the earliest.*

" Frame.

" White Spined.

Long Green.

" White Turkey.

West India Gherkin.

Choice English sorts for forcing, 25 to 50 cts. per packet.

EGG PLANT.

75 cts. per oz.

Large Purple.

ENDIVE.

18¾ to 25 cts. per oz.

Green Curled.

Moss " *new.*

London Green Curled, *extra.*

Broad Leaved.

GARLICK SETS.

25 cts. per lb.

GESNERIA ESCULENTA.

A new esculent root recently introduced into France, 50 cts. per packet.

INDIAN CORN.

25 cts. per quart.

Sweet or Sugar.

Early Red Cob Sweet.

" Tuscarora.

Evergreen Sweet, 75 cts. per quart.

KALE.

18¾ to 25 cts. per oz.

Green Curled Dwarf.

Purple "

Buda.

Asparagus, *new.*

Choux de Milan, *true sort.*

New Heading, *extra fine.*

LEEK.

12½ to 25 cts. per oz.

Large Broad Flag.

" Musselburgh.

LETTUCE.

18¾ to 25 cts. per oz.

Early Curled Silesia.

" Cabbage or Butter.

Royal Cabbage or Drumhead.

Brown Dutch.

Curled India.

New Summer Cabbage, *new and fine.*
Mammoth " *new, very large.*
Naples Cabbage, *very large, new.*
Hardy Green Winter, *large hardy.*
 White Coss or Ice.
Waite's White Coss, *new.*
 Paris Coss.

MUSK MELON.

18 $\frac{3}{4}$ to 25 cts. per oz.

Netted Nutmeg.

Skillman's "

Pine Apple.

Turk's Cap Citron, *new.*

Green Citron.

Yellow Cantelope.

Choice English sorts for forcing, 25 to 50 cts. per packet.

WATER MELON.

18 $\frac{3}{4}$ to 25 cts. per oz.

Mountain Sprout.

" Sweet.

Long Island.

Black Spanish.

Citron.

MUSHROOM SPAWN.

12 $\frac{1}{2}$ cts. per lb.

MUSTARD.

25 to 37 $\frac{1}{2}$ cts. per lb.

White, *imported.*

Brown.

Chinese Broad Leaved, *new, 25 cts. per oz.*

NASTURTIUM.

18 $\frac{3}{4}$ cts. per oz.

Dwarf.

OKRA.

12 $\frac{1}{2}$ cts. per oz.

Large Green.

ONION.

12 $\frac{1}{2}$ to 25 cts. per oz.

Large Red.

White Portugal.

Yellow Dauvers, *new.*

English Silver Skinned, *for pickling, imported.*

ONION SETS.

18 $\frac{3}{4}$ to 25 cts. per quart.

Red.

White.

Yellow.

Top or Tree Onion.

PARSLEY.

12 $\frac{1}{2}$ cts. per oz.

Extra Curled.

Myatt's Garnishing, *new.*

Hamburgh or Rooted.

PARSNIP.

12 $\frac{1}{2}$ cts. per oz.

Hollow Crowned.

PEAS.

18 $\frac{3}{4}$ to 50 cts. per quart.

Landreth's Extra Early.

Early Double Blossomed Frame.

" Charlton.

" Cedo Nulli.

" Warwick.

" Prince Albert.

Dwarf Blue Imperial.

" " Prussian.

" Bishop's Prolific.

" Marrowfat.

" " Black eyed.

" Marrow (Knights).

" Sugar.

With the latest English sorts of high reputation.

PEPPERS.

37 $\frac{1}{2}$ to 50 cts. per oz.

Large Squash.

" Bell.

" Sweet.

Long Cayenne.

Cherry.

Sweet Spanish, *for salads.*

POTATOES.

\$2 50 to \$8 per bush.

Fox's Seedling.

Foxite.

Fortyfold.

Ashleaved Kidney.

Mammoth Nutmeg, *new.*

SWEET POTATO SETS.

6 $\frac{1}{4}$ cts per lb.

Yellow.

Red.

PUMPKIN.

6¼ to 25 cts. per oz.

Large Cheese.

Mammoth.

Cashaw or Crook Neck.

Connecticut Field.

RADISH.

12½ cts. per oz.

Early Scarlet Short Top.

" Olive Shaped.

" Scarlet Turnip.

" White "

" Yellow "

Long Salmon.

" White.

Black Spanish.

White "

Chinese Winter Red, *new* 12½ pr. pack't.

" " White, " "

" " Purple, " "

RHUBARB.

25 cts. per oz.

Early.

Giant.

SALSAFY.

18¾ cts. per oz.

Long White.

SCORZONERA.

25 cts. per oz.

SHALLOTS.

Common, 12½ cts. per quart.

Large Jersey, *new and very fine*, 50 cts. per quart.

SORRELL.

25 cts. per oz.

French Garden, *imported*.

SPINAGE.

6¼ to 25 cts. per oz.

Round Leaved.

Prickly Seeded.

Flanders, *fine*.

Lettuce Leaved, *new*.

New Zealand.

SQUASH.

12½ to 25 cts. per oz.

Early White Scalloped Bush.

" Yellow " "

" Striped Bush. " "

Summer Crookneck

Winter " Striped.

" " White.

Boston Marrow.

Lima Cocoa Nut.

Winter Custard.

TOMATO.

25 to 37½ cts. per oz.

Large Red.

" " Smooth.

" Yellow.

Pear Shaped.

Red Cherry.

Yellow Cherry.

TURNIPS.

12½ cts. per oz.

Early White Dutch.

" Yellow "

" Stone,

" Golden Stone.

" Snowball.

Red Top Strap Leaved.

White " "

Yellow Malta.

" Finland, *new, fine*.

" Aberdeen.

" Swedish.

" Stone Purple Top.

" " Green Top.

HERBS.

25 to 50 cts. per oz.

Sweet Basil.

Bush "

Fennel.

Pot Marigold.

Sweet Marjoram.

Knotted "

Pot " "

Sage.

Summer Savory.

Winter " "

Thyme.

Bene.

6¼ cts. per packet.

Hyssop.

Horehound.

Balm.

Catnip.

Tansy.

Peppermint.

Spearmint.

Agricultural Seeds.

Prices variable, according to the market and the quantity ordered.

BEETS.

White French Sugar.
Yellow German "
Long Red Mangel Wurtzel.
" Yellow " "
Red Globe " "
Yellow " " "

CARROTS.

Long Orange.
Altringham.
Large White.
" Red.

TURNIPS.

Purple Top Rutabaga.
Green " "
Skirving's Improved Rutabaga.
Laing's " "
Red Tankard.
White "
Yellow "
Yellow Stone, purple top.
" " green top.
White Flat.
Red Top Flat.

CLOVERS.

Large Red.
White Dutch.
Lucerne.
Saintfoin.

GRASSES.

Herds or Red Top.
Sweet Scented Vernal.
Tall Oat Grass.

Orchard or Cocksfoot.
Blue Grass.
Timothy.
Italian Ray, *imported*.

Cannabis Tsing Ma, or Chinese Giant
Hemp, grows 12 or 14 feet high,
its fibre is used in making the finest
tissues.

Phormium tenax, or New Zealand
Flax—from which some of the
finest and most expensive tissues
are made—suitable for the South.

MISCELLANEOUS.

Millet, Common.
" Italian.
Barley in varieties.
Rye "
Wheat "
Indian Corn "
Oats "
Field Beans.
" Peas.
Buckwheat.
Vetches, Spring.
" Winter.
Lentils.
Chicory.
Broom Corn.
Teasels.
Tobacco.
Flax.
Madder.
Hemp.
Rape.
Canary.
Maw.
Rice.

Annual Flower Seeds.

6¼ cts. per packet ; 12 packets for 50 cts. ; 25 packets for \$1, except where otherwise indicated. Those marked 12½ cts., 12 packets for \$1.

Abronia umbellata, 12½ cts.

Adonis Flos.

Ageratum mexicanum.

“ **cælestinum.**

“ odoratum.

“ **albiflorum.**

Agrostis pulchella.

“ **capillaris.**

Alonsoa, fine mixed sorts.

Alyssum, sweet.

Ammobium alatum.

Amaranthus, bicolor.

“ tricolor.

“ speciosus.

Anagallis ; see Greenhouse Seeds.

Arctotis breviscarpa, 12½ cts.

Argemone alba.

grandiflora.

mexicana.

speciosa.

Asclepias currisavica.

Antirrhinum ; see Perennials.

Aster, China, splendid mixed.

Turkey, double.

Dwarf Nosegay.

tenella.

German, saved from 24 varieties ; *splendid*, 12½ cts.

Quilled and Striped, from splendid flowers, mixed, 12½

New Globe Flowered, mixed, *very fine*, 12½ cts.

New Pyramidal, mixed, *splendid*, 12½ cts.

New Victoria, splendid Flowers as large as Dahlias, 25 cts.

Bishop's Prize, *very fine*, 12½

Pæoniflora Truffauts, *very choice* 25 cts.

Bæria chrysostoma.

Balsams, fine double.

Double Camellia flowered mixed, *very choice*, 25 cts.

New spotted, 12½ cts.

“ yellow, 25 cts.

Bartonia aurea.

Brachycome iberidifolia, 30 varieties, mixed, 12½ cts.

New white, 12½ cts.

Fine, dark varieties, 12½ cts.

Briza gracilis.

maxima.

Blumenbachia insignis.

Cacalia aurea.

coccinea.

Calandrina speciosa.

see, also, Greenhouse sps.

Campanula Loreii.

“ alba.

pentagonia.

“ alba.

speculum blue.

“ lilac.

vincæflora.

Candytuft, Crimson.

Fragrant.

New blush.

New scarlet.

New lilac.

Normandy.

Purple rocket.

White rocket.

Carthamnus tinctorius.

Catchfly Lobels white.

“ red.

Cenia turbinata, 12½ cts.

“ **alba**, 12½ cts.

Centaurea americana.

double striped.

depressa.

involverata.

Centranthus macrosiphon.

“ **carnea.**

Chœnastoma ; see Perennials.

Chrysurus cynosuroides.

Clarkia alba.

Double Rose.

elegans.

“ rosea.

- Clarkia **neriaeflora pleno.**
 grandiflora.
 pulchella.
 Cleome grandiflora.
 pentaphylla.
 spinosa.
 trachysperma, 25 cts.
 Clintonia elegans.
 pulchella.
 alba.
 Cobia scandens, 12½.
 Collinsia heterophylla.
 bicolor.
 grandiflora.
 multicolor, 25 cts.
 bartsiaefolia, 25 cts.
 Collomia coccinea.
 grandiflora.
 Convolvus minor.
 " albus.
 " New dark.
 " New striped.
 major, extra fine varieties,
 mixed.
 Cockscomb, Dwarf, *extra*, 12½
 German, mixed, 12½.
 Giant, 12½.
 Coreopsis tinctoria.
 New Marbled.
 New Dwarf.
 atropurpurea.
 atro sanguinea.
 Drummondii.
 elegans picta.
 Fistulosa.
 nigra speciosa.
 Cosmanthus fimbriatus.
 Cosmos **atropurpurea.**
 Cuphea platycentra.
 purpurea.
 silenoides.
 Cyanus major.
 minor.
 New striped.
 Cypress Vine, red.
 white.
 Dahlia, from the finest show varie-
 ties, 12½ cts.
 Datura ceratocaula.
 " Double white.
 " " purple.
 Dianthus; see Pink (Chinese).
 imperialis, fine 12½ cts.
 carthusia fl. pleno, 12½ cts.
 Didiscus cœruleus.
 Echium violaceum.
 Egg Plant, White.
 Elichrysum bracteatum.
 grandiflorum.
 " album.
 macranthum, 12½ cts.
 variegatum, 12½ cts.
 speciosissimum, 12½ cts.
Eragrostis namaquensis.
 elegans.
 Erysimum Peroffskianum.
 Eschscholtzia; see Perennials.
Ethulia corymbosa, 12½ cts.
 grandiflorum.
Eucnide bartonoides, 12½ cts.
 Eutoca Menziesii.
 multiflora.
 viscida.
 Wrangelliana.
 Euphorbia variegata.
 Fedia cornucopia.
 graciliflora.
 Gilia achillæfolia.
 aggregata.
 alba.
 " cœrulea.
 bicolor.
 cœrulea.
 capitata.
 nivalis.
 splendens.
 tricolor.
 Globe Amaranthus, Purple.
 Flesh clored.
 White.
 Variegated.
 Bright orange, a
 beautiful new annual from Mexico,
 25 cts.
 Godetia Lindleyana.
 purpurea.
 rosea alba.
 rubicunda.
 tetraptera.
 vinosa.
 Gaillardia; see Perennials.
Gamolepis tagetes, 12½ cts.
Grammanthes gentianoides, 12½ cts.
 " " **lutea, 25 cts.**
 Heartsease, fine mixed, saved from
 Prize Flowers, 25 cts.
 Heliophila arabioides.
 " stricta.
 trifida.
 triphylla.

- Helenium tenuifolium.**
 Hibiscus Africanus major.
 " minor.
 Hyacinth Beans, white.
 " Purple.
 " **White Dwarf**, 12½ cts.
Iberis alba oculata, new 12½ cts.
 Ice Plant.
 Ipomopsis aurantiaca, 12½ cts.
 Beyrichii.
 elegans, 12½ cts.
 picta, 12½ cts.
 superba, 12½ cts.
 lutea, 12½ cts.
 Ipomea atropurpurea, 12½ cts.
 Burridgii.
 quamoclit.
 " alba.
 coccinea.
 rubra alba.
 " **cœrulea**, 12½ cts.
 Dicksonii, 12 cts.
Incarvillea sinensis, 12½ cts.
Ionopsidium acaule, 25 cts.
 Isotoma axillaris.
 Jacobia.—See Greenhouse Plants.
 Kaulfussia amelloides.
 Larkspur Dwarf German, mixed, *fine*.
 Tall German, mixed, *fine*.
 Dwarf Rocket, " "
 Tall Rocket, " "
 Neapolitan.
 New Dwarf, striped.
 Unique.
 hyacinthiflora, 12½ cts
 Lavatera, Red.
 White.
 Leptosiphon albus.
 androsaceus.
 densiflorus.
 lilacinus.
Limnanthes alba, 12½ cts.
 Douglassii.
 grandiflora.
 rosea, 12½ cts.
 Loasa aurantiaca, 12½ cts.
 Pentlandica.
 tricolor.
 Lopezia coronata.
Lophoclinium hirtum, *fine*, 12½ cts.
Leucopsidium arkanseanum.
 Lobelia gracilis.
 " alba.
 ramosa.
 " alba.
- Lobelia ramosa **rosea**.
 erinoides.
 Lophospermum; see Greenhouse Plants.
 Lupins, fine mixed sorts.
 See also Greenhouse Plants.
Madaria corymbosa, 12½ cts.
 Madia elegans.
 splendens.
 Malope albiflora.
 grandiflora.
 purpurea.
 trifida.
 Malcolmia maritima.
 " alba.
 Maurandia; see Greenhouse Plants.
 Marigold, African Lemon.
 " " Orange.
 Double Ranunculus.
 French Dwarf.
 " New, very dwarf,
 12½ cts.
 " Tall.
 "Imported, *very fine*, 12½.
 German, mixed, *extra fine*,
 12½ cts.
 Splendid striped.
 Unique.
 New double Dwarf, brown
 Pigmy, 12½ cts.
 New double Dwarf, yellow
 Pigmy.
 Martynia craniolaria.
 fragrans.
 lutea.
 proboscidea.
 Marvel of Peru, mixed, sweet scented.
 Lecoq's fine hybrids, new, ex-
 tra fine, 25 cts.
 Mignonette, sweet scented.
 New, large, flowering,
 extra fine, 12½ cts.
 Mimulus, extra fine, mixed, 12½ cts.
Mentzelia californica, 12½ cts.
 Nasturtium Dwarf, dark crimson.
 New Buff.
 Yellow.
 Nemesia versicolor.
 Nemophila atomaria.
 aurita.
 aurita alba oculata, new,
 25 cts.
 cramboides.
 discoidalis.
 grandiflora.

- Nemophila grandiflora alba.*
 insignis.
 maculata.
 phaceloides.
 striata.
- Nigella* Double Dwarf.
 hispanica.
 romana.
- Nolana atriplicifolia.*
 atriplicifolia alba, 12½ cts.
 paradoxa.
 prostrata.
 tenella.
- Nyctarinea*; see Perennials.
- Oenothera bifrons.*
 Drummondii.
 grandiflora.
 Lindleyana.
 New spotted.
 purpurea.
 rosea alba.
 tenella.
- Pansy; see Perennials.
- Palavia moschata, new, 12½ cts.***
- Palma Christi major.*
 " *minor.*
- Papaver croceum.*
 fimbriatum.
 Marshallii splendens.
 pulcherrimum, beautiful.
 New double *Pæonia* Flow-
 ered, 12½ cts.
- Peas, sweet, mixed.
 Lord Anson's, Blue.
 " " White.
 New, large dark Purple.
 Painted Lady Crown.
 " " Tangier.
- Perilla naukinensis, very curious, 12½ cts.***
- Persicaria*, White.
 Red.
- Petunia nyctiginiflora.*
 purpurea; saved from the
 nest varieties.
 striata.
- Phlox Drummondii albus, 12½ cts.*
 " Splendid, mixed.
 " *Leopoldiana, 12½.*
 " *mesoleuca, 12½ cts.*
 " ***oculata, white with***
 red eye, 12½ cts.
 " *Scarlet, 12½ cts.*
 " *New dark crim-*
 son, 12½ cts.
- Pink, Chinese double, *extra fine.*
 " ***White striped, new, 12½ cts.***
 " ***Very Dwarf, new, 12½ cts.***
 " *White double, 12½ cts.*
 " *latifolius double, 12½ cts.*
 " *Spanish.*
- Poppy; see also *Papaver.*
 Black.
 Carnation.
 Dwarf.
 Fringed.
 Ranunculus.
- Portulacca splendens.*
 Gillesii.
 Thellusonii.
 Thorburnii, yellow.
 Fine, mixed.
 alba striata, 12½ cts.
- Platystemon californicum.*
- Salvia*; see Greenhouse Plants.
- Salpiglossis picta.*
 atropurpurea.
 Barclayana.
 New blue, 12½ cts.
 New yellow.
 Splendid, mixed.
- Scabiosa nana.*
 Stellata.
 Sweet.
 German, fine mixed.
- Schistanthe peduncularis, beautiful,***
 12½ cts.
- Schizanthus Grahamii.*
 Hookerii.
 humilis.
 obtusifolius.
 chiliensis, 12½ cts.
 pinnatus.
 porrigens.
 purpureus, 12½ cts.
 Priestii.
 retusus.
 " ***albus, 12½ cts.***
 venustus.
- Schizopetalon Walkerii.*
- Scyphanthus elegans, 12½ cts.***
- Sensitive Plant.
- Silene cristata.*
 New scarlet.
 pendula.
 picta.
 rubella.
 siberica.
 speciosa.
- Sphenogyne grandiflora.*

Sphaenogyne speciosa.	Vinca rosea.
Stocks, German, 50 varieties mixed, <i>extra fine.</i>	" alba.
Sweet Sultan, Purple.	Viscaria, new dark.
Yellow.	oculata.
White.	" Burridgii white.
Telekia speciosa , 12½ cts.	Xeranthemum lucidum.
Thunbergia; see Greenhouse Plants.	purple.
Trifolium perfoliatum.	robustum album.
Tropæolum canariense.	" luteum.
Venidium calenduloides , 12½ cts.	Zauschneria californica, 12½ cts.
Verbena Aubletia.	Zinnia elegans alba.
erinoides.	" coccinea.
pulchella.	" " grandiflora.
pulcherrima.	" lutea.
teucrioides, fine mixed va- rieties.	" purpurea.
venosa.	" rosea.
Splendid, mixed from named flowers, 12½ cts.	" violacea.
	" 24 splendid varieties, mixed.

German Flower Seeds.

IN THE ORIGINAL IMPORTED SEALED PACKETS, EACH VARIETY SEPARATE—ABOUT
100 SEEDS OF EACH.

Sold also in half Packets.

GERMAN STOCKS.

15 Varieties of the brightest and
most beautiful colors selected from
50 varieties. \$1 50 *per packet.*

BROMPTON STOCKS.

12 Varieties, extra fine. \$1 25 *per
packet.*

ERFURT WINTER STOCKS.

6 Superb varieties. 75 cts. *per packet.*

EMPEROR WINTER STOCKS

4 Superb varieties. 50 cts. *per packet.*

ASTERS.

20 Varieties, selected from 30 superb
varieties. \$1 50 *per packet.*

16 Varieties of the new Pyramidal
sort, very showy. \$1 25 *per packet.*

12 Varieties, quilled and striped va-
rieties, extra fine. \$1 *per packet.*

12 Varieties, new globe and pyra-
midal sorts, assorted. 75 cts. *per
packet.*

COCKSCOMB.

6 Superb varieties. 75 cts. *per packet.*

11 Superb varieties. \$1 25 cts. *per
packet.*

HOLLYHOCK.

20 Varieties, double, in distinct colors. \$1 50 *per packet.*

LARKSPUR.

12 Varieties, dwarf, brightest colors. 75 *cts. per packet.*

8 Varieties, tall, brightest colors. 75 *cts. per packet.*

BRANCHING LARKSPUR.

7 Superb varieties. \$1 *per packet.*

WALLFLOWER.

5 Varieties, extra fine, double. 50 *cts. per packet.*

ZINNIA ELEGANS.

8 Varieties, in the finest and brightest colors. 75 *cts. per packet.*

IPOMEAS.

12 Varieties and species, extra fine. \$1 50 *per packet.*

ANTIRRHINUMS.

18 Splendid varieties. \$2 *per packet.*

MIRABILIS JALAPA.

12 Splendid varieties. \$2 *per packet.*

DOUBLE POPPIES.

9 Superb varieties. \$1 *per packet.*

DOUBLE WALLFLOWERS.

6 Extra fine varieties. \$1 *per packet.*

Biennial and Perennial Flower Seeds.

Prices the same as Annuals.

Athionema coridifolium.

Adenophora suaveolens.

Alyssum saxatile.

Wiesbeckii, 12½ *cts.*

Antirrhinum, from show flowers, 12½ *cts.*

Splendid mixed.

pictum.

From 20 splendid varieties, 25 *cts.*

Aquilegia glandulosa.

“ *Harrisonii*, white ground striped with purple, *fine* 12½ *cts.*

New spotted.

Skinnerii.

hybrida, *extra fine.*

Aristolochia siphon, 12½ *cts.*

Aconitum napellus.

“ “ *alba.*

Baptisia exaltata, 12½ *cts.*

Campanula carpatica.

grandis.

grandiflora *Wahlenbergii*, 12½ *cts.*

stricta.

trachelium.

Vidallii.

Canterbury Bells.

Double blue.

“ white.

Chœnostoma polyantha.

fastigiata, 12½ *cts.*

Catananche cœrulea.
bicolor.
lutea.
Delphinium elatum.
" album.
" Fine mixed.
grandiflorum.
Hulmii, 12½ cts.
sinensis.
pictum.
Doncklaeri, 12½ cts.
Dianthus barbatus, fine striped, 12½.
" flore pleno.
Gardnerii, fine 25 cts.
Digitalis purpureus.
" alba.
Mixed sorts.
New spotted.
Doronicum bellidiasstrum, 12½ cts.
Dracocephalum superbum.
Eschscholtzia californica.
compacta.
crocea.
alba, 12½ cts.
Fumaria lutea, 12½.
Fraxinella, Red.
White.
Gaillardia picta.
" coccinea.
Drummondii.
Josephus, superb, 12½ cts.
splendissima, 12½ cts.
aristata.
coccinea.
" Rana.
Richardsonii.
Wellsiana, 12½ cts.
Gaura Lindheimeria, 12½ cts.
Gentiana acaulis.
cruciata.
Fine mixed, 12½ cts.
Geum coccineum.
splendens.
atrosanguineum,
Glaucium, mixed.
Honesty, White.
Red.
Honeysuckle, French red.
" White.
Hollyhock, fine double mixed Chinese.
Double crimson.
Selected from the newest
show varieties, 12½ cts.

Selected from Chater's new
varieties, 25 cts.
Lathyrus azureus grandiflorus.
latifolius.
" alba.
Leucopsideum arkanseanum, 12½ cts.
Linum perrenis.
" alba.
grandiflorum.
verticillatum.
Lisianthus Russellianus.
Lobelia cardinalis.
" **Queen Victoria**,
superb, 12½ cts.
syphilitica.
" alba.
Lychnis fulgens, 12½ cts.
Rose.
Scarlet.
Lythrum, **roseum speciosum**, 12½ cts.
Nyctarinea selagnoides, 12½ cts.
capensis, 12½ cts.
Oenothera macrocarpa, 12½ cts.
Penisetum villosum, 12½ cts.
Penstemon campanulatum.
Chandlerii.
digitalis.
elegans.
gentianoides.
" coccineum.
luteum.
pulchellum.
roseum.
speciosum.
Pink, Pheasant eyed.
From named sorts, 12½ cts.
Potentilla atrosanguinea.
formosa.
Garnderiana, 12½ cts.
grandiflora.
Mackayana.
splendens.
Thomasonii.
Saponaria, Scarlet.
multiflora.
calabrica.
Silene orientalis.
Schæfta.
Stenactis speciosa.
Sunflower, double dwarf.
Stipa pinnata.
Sweet William, double.
Fine mixed.

Sweet William, fine mixed, striped.
 Trachelium cœruleum.
 Thunbergia alata.
 Valerian Crimson.

Valerian Greek.
 White.
 Verbascum phœnicium, 12½ cts.
 Vittadenia triloba, 12½ cts.

Greenhouse Flower Seeds.

Prices same as Annuals.

Abronia umbellata, 12½ cts.
 Acacia armata.
 farnesiana.
 lophantha.
 pulchella.
 verticillata.
 Achimenes, several species mixed,
 12½ cts.
 Alonsoa, finest mixed.
 Alstrœmeria Van Houtte's varieties
 mixed.
 Ammobium alatum.
 Anagallis cœrulea grandiflora, from
 all large blue flowers,
 12½ cts.
 indica.
 grandiflora.
 " lilac.
 " rubra.
 Monelli major, 12½ cts.
 " rosea.
 Phillipsii, 12½ cts.
 superba.
 fruticosa.
 Auricula, from Stage flowers, 12½ cts.
 Azalea indica, fine mixed, 12½ cts.
 Asclepias currisavica.
 Bellis perrenis, new double varie-
 ties, 12½ cts.
 Calandrina discolor.
 grandiflora.
 umbellata, 12½ cts.
 Calceolaria, the new varieties hy-
 bridized, 50 cts.

Calceolaria, saved from all the new
 spotted varieties, 12½
 cts.
 suberecta, 12½ cts.
 New shrubby species
 from Peru, 12½ cts.
 Campanula pyramidalis.
 " alba.
 Carnation, fine double, 12½ cts.
 Celsia cretica.
 Cineraria, new varieties mixed, 12½
 cts.
 From 24 of the finest new
 varieties, 50 cts.
 Cistus guttatus.
 helianthemum.
 Cliaanthus puniceus, 12½ cts.
 Cobea scandens, 12½ cts.
 Cowslip, fine mixed.
 Cyclamen, fine mixed, 12½ cts.
 persicum, 12½ cts.
 Cytisus racemosus.
 Cuphea platycentra.
 purpurea.
 Echium grandiflorum.
 Eceremocarpus scabra.
 Erica, fine mixed, 12½ cts.
 Fuchsia, splendid mixed, 12½ cts.
 Gardenia Rothmanii, 12½ cts.
 Gazania rigens, 12½ cts.
 Geranium, scarlet.
 Tom Thumb
 From named sorts, 12½ cts.
 From all the new fancy
 varieties, 12½ cts.

- Geranium, from Ambrose's newest
fancy varieties very
splendid, 50 cts.
- Gesneria, mixed sorts, 12½ cts.
- Gloxinia, mixed sorts, 12½ cts.
- Goodia lotifolia, 12½ cts.
pubescens, 12½ cts.
- Heliotropium grandiflorum, 12½ cts.
peruvianum, 12½ cts.
Triomphe de Liege,
12½ cts.
Voltairianum, 12½ cts.
- Hibiscus Cameronii, 12½ cts.
manihot, 12½ cts.
- Hovea Celsii, 12½ cts.
- Humea elegans.
- Ipomea Dicksonii.
tyrianthina.
- Jacoea, double purple.
" white.
" rose.
" crimson.
" atrocineria, 12½ cts.
- Kennedia Marryattii, 12½ cts.
physolobioides, 12½ cts.
rubicunda, 12½ cts.
- Lantana Sellowii, 12½ cts.
- Lobelia triquetra.
igneae.
- Lopezia racemosa.
- Lophospermum Hendersonii.
rhodochiton.
scandens.
- Lotus Jacoea.
" lutea.
- Lupinus polyhyllus, purple.
" striped.
" white.
affinis, 12½ cts.
Hartwegii.
Moritzianus, 12½ cts.
guatemalensis, 12½ cts.
magnificus, 12½ cts.
- Maurandia Barclayana.
pulchella, 12½ cts.
rosea.
scarlet.
semperflorens.
- Mesembryanthemum tricolor.
pomeridianum.
- Mimulus, mixed sorts, 12½ cts.
moschatus.
- Myosotis palustris, Forget me not.
azorica, new, 12½ cts.
- Myrtus communis.
- Oxalis rosea.
- Passiflora alata, 12½ cts.
alba.
edulis.
cærulea, 12½ cts.
- Picotee, from finest double flowers,
12½ cts.
- Pimelia spectabilis.
- Podolepis gracilis.
chrysantha.
- Polyanthus, from named flowers,
12½ cts.
- Primula cortusoides.
sinensis alba, 12½ cts.
" fimbriata, 12½ cts.
Fine mixed, 12½ cts.
New large flowered, 12½ cts.
rosea 12½ cts.
striata, 12½ cts.
- Rhodanthe Manglesii.
- Rhododendron ponticum, fine mixed,
12½ cts.
- Salvia coccinea, 12½ cts.
lusitanica, 12½ cts.
patens, 12½ cts.
splendens major.
- Statice pseudo armeria.
- Stock, 10 week purple.
" white.
" scarlet.
" Fitch's scarlet.
" white pyramidal.
" Victoria, new.
" German, 36 varieties
mixed.
- Brompton purple giant.
" scarlet
" white
" new gigantic scar-
let, 12½ cts.
" new gigantic white,
splendid, 12½ cts.
- Tacsonia mollissima, 12½ cts.
- Thunbergia alata.
" alba.
aurantiaca.
Bakerii, 12½ cts.
Fryerii, 12½ cts.
New light yellow, 12½.
mesoleuca, 12½ cts.
- Tropæolum brachyceras.
grandiflorum, 12½ cts.
Jarrattii, 12½ cts.
Lobbianum, 12½ cts.
Moritzianum, 12½ cts.

Tropæolum pentaphyllum.
peregrinum.
tricolor, 12½ cts.
trimaculatum.

Tweedia cœrulea.
rosea, new, 12½ cts.

Viola odorata.
 Russian.
 Wallflower, double mixed.
 lilac.
 new dark.
 German, 20 varieties,
 mixed, 12½ cts.

Bulbous Roots.

Imported direct from the best houses at Harlem, in Holland, selected with the greatest possible care, the roots being of the first or largest culling, being far different from those sold at auction, which are generally of the fourth or fifth, and never higher than the third culling.

It only needs an inspection to be satisfied of their great superiority to those sold at auction, while the prices are but slightly, if at all in advance of auction prices, and the purchaser does not need to buy bulbs which he does not want, as is the case when they are sold in lots.

Printed directions for their cultivation accompany, gratis, each package sold.

HYACINTHS.

The selection which follows, consists of such sorts as are of high reputation for blooming in Pots, especially for room culture, those marked with an asterisk, are more especially suitable for blooming in glasses.

PRICES.

Those marked	12½ cts. each,	.....	\$1 50 per doz.
"	" 18¾ "	.....	2 00 "
"	" 25 "	.....	2 50 "
"	" 37½ "	.....	4 00 "
"	" 50 "	.....	5 00 "

DOUBLE BLUE.

*A la Mode, <i>porcelain blue, purple eye, extra,</i>	.....	12½
Belle Mode, <i>porcelain blue,</i>	.....	18¾
Blue Foncé, <i>dark,</i>	.....	12½
Buonaparte, <i>dark, very large bells,</i>	.....	50
Bloksbergen, <i>pale blue, large bells,</i>	.....	\$1 00
Commandant, <i>dark,</i>	.....	18¾
Comte de St. Priest, <i>agate blue, very fine,</i>	.....	37½
Comtesse de Salisbury, <i>porcelain blue,</i>	.....	12½
*Duc de Normandie, <i>striped blue,</i>	.....	18¾
Duc d'Angoulême, <i>porcelain blue,</i>	.....	18¾
Envoyé, <i>light blue, dark eye,</i>	.....	18¾
Grande Vidette, <i>porcelain blue,</i>	.....	18¾
Habit Brilliant, <i>porcelain blue,</i>	.....	18¾
Keizer Alexander, <i>dark, extra large bells,</i>	.....	75

BULBOUS ROOTS.

King Alfred, <i>very dark</i> ,.....	18 $\frac{3}{4}$
*Kroon Von Indien, <i>very dark</i> ,.....	25
*Laurens Koster, <i>bright indigo, extra fine</i> ,.....	50
La Renommée, <i>fine dark purple</i> ,.....	12 $\frac{1}{2}$
*La Bien Aimée,.....	12 $\frac{1}{2}$
*Lord Noël, <i>slate color</i> ,.....	12 $\frac{1}{2}$
Madame Marmont, <i>agate blue, large bells</i> ,.....	50
*Martinet, <i>light blue, marbled</i> ,.....	25
*Mignonne de Dryfhout, <i>light blue, large bells</i> ,.....	25
*Morillo, <i>very large bells</i> ,.....	50
*Orondates, <i>light blue</i> ,.....	37 $\frac{1}{2}$
*Paarlboot, <i>pearl color, dark eye, very fine</i> ,.....	37 $\frac{1}{2}$
*Passetout, <i>slate color</i> ,.....	12 $\frac{1}{2}$
*Pasquin, <i>bright blue, dark eye</i> ,.....	25
Pourpre superbe, <i>very dark purple</i> ,.....	12 $\frac{1}{2}$
Prince Von Saxe Weimar, <i>dark blue, extra fine</i> ,.....	25
Prince Frederick, <i>light blue</i> ,.....	25
Violet Foncé, <i>dark violet</i> ,.....	12 $\frac{1}{2}$
*Wellington, <i>very dark eye</i> ,.....	12 $\frac{1}{2}$

DOUBLE RED.

*Acteur, <i>deep rose</i> ,.....	12 $\frac{1}{2}$
*Bouquet tendre, <i>deep red</i> ,.....	12 $\frac{1}{2}$
Bouquet Royale, <i>flesh color, dark eye</i> ,.....	18 $\frac{3}{4}$
*Comte de la Coste, <i>large fine red</i> ,.....	37 $\frac{1}{2}$
*Comtesse de la Coste, <i>pale red, dark purple eye</i> ,.....	12 $\frac{1}{2}$
*Duchesse de Parma, <i>fine rose</i> ,.....	25
*Flos Sanguineus, <i>pale red, dark eye, green tips</i> ,.....	12 $\frac{1}{2}$
*Groot Voorst, <i>rose, brown eye, large bells</i> ,.....	12 $\frac{1}{2}$
Hugo Grotius, <i>light red</i> ,.....	12 $\frac{1}{2}$
*Il Pastor Fido, <i>rose</i> ,.....	12 $\frac{1}{2}$
*Madame Zoutman, <i>fine rose</i> ,.....	12 $\frac{1}{2}$
Marquis de la Coste, <i>very fine rose</i> ,.....	37 $\frac{1}{2}$
*Maria Louisa, <i>deep red</i> ,.....	12 $\frac{1}{2}$
*Panorama, <i>deep rose</i> ,.....	12 $\frac{1}{2}$
*Perruque Royale, <i>pale rose</i> ,.....	25
*Rose Mignonne,.....	12 $\frac{1}{2}$
Rouge Pourpre et Noir, <i>red, purple eye</i> ,.....	37 $\frac{1}{2}$

DOUBLE WHITE.

*A la Mode, <i>violet eye</i> ,.....	12 $\frac{1}{2}$
*Anna Maria, <i>purple eye, extra fine</i> ,.....	18 $\frac{3}{4}$
Altesse Royale, <i>purple eye</i> ,.....	12 $\frac{1}{2}$
*Couronne blanche, <i>pure white</i> ,.....	12 $\frac{1}{2}$
*Don Gratuit, <i>yellow eye</i> ,.....	18 $\frac{3}{4}$
Duchess of Bedford, <i>striped</i> ,.....	18 $\frac{3}{4}$
*Hermann Lange, <i>brown eye</i> ,.....	25
Hermione,.....	12 $\frac{1}{2}$
*La Déesse, <i>pure white, very fine</i> ,.....	18 $\frac{3}{4}$
*La Tour d'Auvergne, <i>pure white, large truss</i> ,.....	37 $\frac{1}{2}$
*Miss Kitty, <i>purple eye</i> ,.....	37 $\frac{1}{2}$
*Nannette, <i>yellow eye</i> ,.....	37 $\frac{1}{2}$
Og Roi de Basan, <i>rosy eye, large bells</i> ,.....	25
*Passe Virgo, <i>rosy eye</i> ,.....	12 $\frac{1}{2}$
Pyrene, <i>pure white, green tips</i> ,.....	18 $\frac{3}{4}$
*Prince Von Waterloo, <i>rosy eye, extra fine</i> ,.....	37 $\frac{1}{2}$

*Penelope, <i>purple eye</i> ,.....	12½
Reine de Prusse, <i>violet eye</i> ,.....	25
*Sphæra Mundi, <i>blue eye, large bells</i> ,.....	18¾
Sultan Achmet, <i>pure white</i> ,.....	18¾
*Triomphe Blandina, <i>blush white</i> ,.....	18¾
Venus, <i>very fine white, extra</i> ,.....	\$1 00
*Virgo, <i>pink eye</i> ,.....	18¾

DOUBLE YELLOW.

*Bouquet d'Orange, <i>nankeen yellow</i> ,.....	18¾
Chrysolora, <i>red eye</i> ,.....	12½
*Louis d'Or, <i>red eye</i> ,.....	18¾
*Pyramide Jaune,.....	18¾
Ophir d'Or, <i>red eye</i> ,.....	18¾

SINGLE BLUE.

Appius, <i>dark blue</i> ,.....	12½
Baron Von Thuyl, <i>dark indigo</i> ,.....	18¾
*Emicus, <i>indigo</i> ,.....	12½
*Emilius,.....	18¾
Grande Vidette, <i>agate blue, superb bells</i> ,.....	50
*L'Ami du Cœur,.....	12½
Lord Nelson, <i>blue striped</i> ,.....	12½
Nabopolasser,.....	18¾
*Nimrod, <i>porcelain, striped</i> ,.....	18¾
Orondates, <i>pale blue</i> ,.....	18¾
Porcelain Sceptre, <i>light blue</i> ,.....	18¾
*Prince Albert, <i>very dark</i> ,.....	37½
Pronkjuweel, <i>porcelain</i> ,.....	18¾
Quentin Durward, <i>deep purple</i> ,.....	18¾
Robinson, <i>pale blue</i> ,.....	25
*Vulcan, <i>dark blue</i> ,.....	25

SINGLE RED.

Charlotte Marianne, <i>deep red</i> ,.....	12½
Cochinelle, <i>dark crimson</i> ,.....	50
Dibbitz Sabalkanski, <i>very fine red</i> ,.....	18¾
*Herstelde Vrede, <i>pink</i> ,.....	12½
Henriette Wilhelmina, <i>deep pink</i> ,.....	25
Johanna Christina, <i>pink striped</i> ,.....	25
*L'Ami du Cœur, <i>very fine red</i> ,.....	12½
*Lord Wellington, <i>fine rose</i> ,.....	25
La Balaine, <i>flesh color</i> ,.....	37½
Mars, <i>deep red</i> ,.....	12½
Perruque Royale, <i>pink</i> ,.....	25
Tempel Von Apollo, <i>blush</i> ,.....	25

SINGLE WHITE.

Grande Blanche Imperial, <i>blush white</i> ,.....	18¾
*Grande Vainquer, <i>pure white</i> ,.....	18¾
La Candeur, <i>pure white</i> ,.....	18¾
Prince de Galatzin,.....	12½
*Staats Generaal, <i>pure white</i> ,.....	12½
*Triomphe Blandina, <i>blush white</i> ,.....	12½
*Premier Noble,.....	12½
*Victoria Regina, <i>extra fine</i> ,.....	50
*Voltaire, <i>waxy white</i> ,.....	18¾

SINGLE YELLOW.

Alvarino, <i>straw color</i> ,.....	25
*Belle Jaune,.....	25
*Herione, <i>bright citron</i> ,.....	25
*La Pluie d'Or,.....	12 $\frac{1}{2}$
*Roi des Pays Bas, <i>very fine</i> ,.....	37 $\frac{1}{2}$

POLYANTHUS NARCISSUS.

PRICES PER DOZEN, SAME AS HYACINTHS.

Grande Monarque, <i>white, with citron cups</i> ,.....	18 $\frac{3}{4}$
Czar de Muscovie, <i>white, with yellow cups</i> ,.....	12 $\frac{1}{2}$
Bazelman Major, <i>white, with orange cups</i> ,.....	25
Soleil d'Or, <i>yellow, with orange cups</i> ,.....	12 $\frac{1}{2}$
La Noblesse, <i>white</i> ,.....	18 $\frac{3}{4}$
Staaten Generaal, <i>pale citron</i> ,.....	12 $\frac{1}{2}$
Bouquet Triomphante,.....	12 $\frac{1}{2}$
Reine Blanche,.....	12 $\frac{1}{2}$
Grand Primo, <i>white, with orange cups</i> ,.....	18 $\frac{3}{4}$
Grand Primo Nova, <i>yellow and lemon</i> ,.....	25

DOUBLE NARCISSUS.

50 CENTS TO \$1 00 PER DOZEN.

Double Roman, <i>very fragrant, flowers very early, in pots</i> ,.....	12 $\frac{1}{2}$
Alba Pleno Odorata, <i>white and fragrant</i> ,.....	12 $\frac{1}{2}$
Orange Phoenix, <i>orange and straw color</i> ,.....	6 $\frac{1}{4}$
Incomparable, <i>yellow</i> ,.....	6 $\frac{1}{4}$
Tratus Cantus, <i>golden yellow</i> ,.....	6 $\frac{1}{4}$

JONQUILLES.

37 $\frac{1}{2}$ CENTS PER DOZEN.

Double.	Campanelle.
Single.	Double French.

LATE TULIPS.

\$2 00 PER DOZEN; \$12 50 PER HUNDRED.

Bizarres, <i>yellow grounds, with brown stripes—named</i> ,.....	18 $\frac{3}{4}$
Byblems, <i>white grounds, with purple stripes—named</i> ,.....	18 $\frac{3}{4}$
Rose on White, <i>white grounds, with red stripes—named</i> ,.....	18 $\frac{3}{4}$

EARLY TULIPS.

\$1 00 PER DOZEN.

Clarimond, <i>striped</i> ,.....	12 $\frac{1}{2}$
Pottebakker, <i>yellow</i> ,.....	12 $\frac{1}{2}$
“ <i>white</i> ,.....	12 $\frac{1}{2}$
“ <i>striped</i> ,.....	12 $\frac{1}{2}$
Rosa Mundi, <i>white, edged with rose</i> ,.....	12 $\frac{1}{2}$
Ma Plus Amiable, <i>yellow striped</i> ,.....	12 $\frac{1}{2}$
Duc Von Tholl, <i>scarlet</i> ,.....	6 $\frac{1}{4}$
“ <i>yellow</i> ,.....	12 $\frac{1}{2}$
“ <i>white</i> ,.....	37 $\frac{1}{2}$
“ <i>rose</i> ,.....	12 $\frac{1}{2}$

BULBOUS ROOTS.

DOUBLE TULIPS.

\$1 25 PER DOZEN.

*Tournsol, <i>orange and red, early</i> ,.....	6 $\frac{1}{4}$
*Duc Von Tholl, <i>yellow and red</i> ,.....	6 $\frac{1}{4}$
*La Candeur, <i>pure white</i> ,.....	12 $\frac{1}{2}$
La Belle Alliance, <i>crimson and white</i> ,.....	12 $\frac{1}{2}$
*Rex Rubrorum, <i>fine scarlet, scarlet</i> ,.....	12 $\frac{1}{2}$
Marriage de Ma Fille, <i>crimson and white</i> ,.....	18 $\frac{3}{4}$
*Yellow Rose, <i>yellow, fragrant</i> ,.....	6 $\frac{1}{4}$
Duke of York, <i>pure and white, early</i> ,.....	18 $\frac{3}{4}$
*Rose Eclatante, <i>red</i> ,.....	6 $\frac{1}{4}$
Blanc bordé pourpre,.....	6 $\frac{1}{4}$
“ “ <i>rose</i> ,.....	6 $\frac{1}{4}$
Pourpre Imperiale, <i>fine purple</i> ,.....	18 $\frac{3}{4}$
Buonaparte, <i>dark violet</i> ,.....	6 $\frac{1}{4}$
*Couronne Imperiale, <i>red and white</i> ,.....	12 $\frac{1}{2}$

PARROT TULIPS.

\$1 00 PER DOZEN.

Constantinople, <i>blood red</i> ,.....	12 $\frac{1}{2}$
Perfecta, <i>yellow, red, and green striped</i> ,.....	12 $\frac{1}{2}$
Luteo Major, <i>yellow</i> ,.....	12 $\frac{1}{2}$
Maregrave de Baden, <i>red and yellow</i> ,.....	12 $\frac{1}{2}$

CROWN IMPERIALS.

\$2 00 PER DOZEN.

Crown on Crown, <i>red</i> ,.....	18 $\frac{3}{4}$
“ “ <i>yellow</i> ,.....	18 $\frac{3}{4}$
Chapeau d'Orange, <i>orange</i> ,.....	18 $\frac{3}{4}$
Drapeau d'Orange, <i>orange scarlet</i> ,.....	18 $\frac{3}{4}$
Maximus, <i>bright crimson</i> ,.....	25
Double Red,.....	18 $\frac{3}{4}$
“ <i>Yellow</i> ,.....	18 $\frac{3}{4}$
Silver Striped Leaved,.....	25
Gold “ “.....	25
Large Yellow,.....	18 $\frac{3}{4}$

CROCUS.

= 8 CENTS PER DOZEN; 50 CENTS PER HUNDRED.

Large Yellow,.....	
“ Blue.....	
“ Purple,.....	
Cloth of Gold, <i>yellow, brown striped</i> ,.....	
Large Scotch, <i>white, purple striped</i> ,.....	
Albertina, <i>white and lilac striped</i> ,.....	
David Rizzio, <i>dark blue</i> ,.....	
Ne Plus Ultra, <i>light blue</i> ,.....	
New named varieties, <i>very fine large flowers</i> , 25 cts. per doz.; \$1 50 per 100	

Miscellaneous Bulbs.

Gladiolus byzantinum purple,.....	12½	cts. ea.; \$1 00 per doz.
communis, mixed colors,.....	6¼	“ 50 “
cardinalis, scarlet,.....	12½	“ 1 00 “
“ rosea, rose,.....	12½	“ 1 00 “
hirsutus rosea, rose,.....	18¾	“ 1 50 “
ramosus,.....	18¾	“ 1 50 “
psittacinus,.....	6¼	“ 50 “
floribundus,.....	12½	“ 1 00 “
gandavensis,.....	25	“ 2 50 “
Victoriensis,.....	25	“ 2 50 “
and other named sorts.		
Iris anglica, 20 of the best varieties named,...	12½	“ 1 00 “
hispanica, 12 of the best varieties named,...	12½	“ 1 00 “
susiana, Chalcedonian,.....	18¾	“ 1 50 “
persica, early dwarf,.....	6¼	“ 50 “
pavonia, peacock, beautiful,.....	12½	“ 1 25 “
Fritillaria persica,.....	18¾	“ 2 00 “
Meleagris, 15 of the finest varieties named,.....	12½	“ 1 25 “
Amaryllis formosissima,.....	18¾	“ 1 50 “
Lillium tigradium, Tiger lilly,.....	12½	“ 1 00 “
candidum, white “.....	12½	“ 1 25 “
“ double white,.....	25	“ 2 50 “
martagon, 12 of the finest varieties named,.....	18¾	“ 2 00 “
Galanthus nivalis, snowdrop,.....	6¼	“ 50 “
“ double,.....	6¼	“ 50 “
Ranunculus Romano, red,.....	6¼	“ 50 “
Merveilleuse, yellow,.....	6¼	“ 50 “
25 finest named varieties.		
Anemones, 25 finest named varieties,.....	6¼	“ 50 “
Ixias, 10 fine sorts named,.....	18¾	“ 2 00 “
Pavonia tigridia, tiger flower,.....	12½	“ 1 25 “
“ conchiflora, “.....	12½	“ 1 25 “
Tuberoses, double,.....	12½	“ 1 25 “
Dahlias, the finest new varieties,.....	} 12½ cents to \$3 00 each.	
plants or dry roots,.....		

Flower Roots in Mixture.

Hyacinths, blue, double or single,.....	75	cts. per doz.; \$5 00 per 100
white, “ “.....	75	“ 5 00 “
red, “ “.....	75	“ 5 00 “
all colors, double or single,.....	62½	“ 4 50 “